

CGGGGTAGGATCCGGAACGCATTCGGAAGGCTTTTTGCAAGCATTTACTTGGAAGGAGAACTTGGGATCHILLU	, ,
GGAACCCCCGGCCGGGTGGATTGGCCGAGCAAGCCTGGAAA <u>ATGGTAAATGATCATTTGGATCAATTACAGGC</u>	150
GGAACEECCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	225
GGGAGAGTTTGATGGAGTTGGGTGGACTTTTCTATGCCATTTGCCTCACACCTAGAGGATAAGCACTTTTGCAG	300
GGCAGAGTTTGATGGAGTTGGCTUGACTTTTCTATGGGATTGGGTTGATGGGATTGGGTTGATGGGATTGGGTTGATGGGTTGGGTTGATGGATGGGTTGATGGTT	
HetPheAspCysNetAspValLeuSerValSerProGlyGlmlleLeuAspPhe ACATTCAGTGCAAGGGAGATCATGTTTGACTGTTATGGATGTTCTGTCAGTGAGTCCTGGGCAAATCCTGGATTTC	375
20 TyrThrAlaSerProSerSerCysHetLouGluGluLysAlaLeuLysAlaCysPheSerGlyLeuThrGluThr TACACTGCGAGTCCGTCTTCCTGCATGCTCCAGGAGAAAGCTCTCAAAGCATGCTTCAGTGGATTGACCCAAACC TACACTGCGAGTCCGTCTTCCTGCATGCTCCAGGAGAAAGCTCTAAAGCATGCTTCAGTGGATTGACCCAAACC	450
50 GlutrpGlnBisArguisThrAlsGlnSerIlaGluThrGlnSerThrSerSerGluGluLeuValProSerPro GAATGGCAGCATCGGCACAGTGCTCAATCAATTGAAACACAGAGCACCAGCTCTGAGGAACTCGCTCCCAAGCCCC GAATGGCAGCATCGGCACACTGCTCAATCAATTGAAACACAGAGCACCAGCTCTGAGGAACTCGCTCCCAAGCCCC 90 90	525
GAATGGCAGCATCGCCACACTGCTAGACTGCTAGACACCTGCTTCGTCTCCACGTACCACTACTACACACAC	600
CCATCTCCACTTCCICCCCCCCCCCCCCCCCCCCCCCCC	
100 ClyValSerAlaCysGluGlyCysLysClyPhePheArgArgSerIleGlnLysAsnMetIleTyTThrCysHis GGGGTCAGCGCCTGTGAGGGATGTAAGGGCTTTTTCGCCAGAAGTATTCAGAAGAATATGATTTACACTTGTCAC 130 140	675
120 130 ArgAspLysAsnCysVallleAsnLysValThrArgAsnArgCysGlnTyrCysArgLeuGlnLysCysPheGlu ArgAspLysAsnCysVallleAsnLysValThrArgAsnArgCCAAATACTGTCGACTCCAGAAGTGCTTTGAA CGAGATAAGAACTGTTATTAATAAAGTCACCAGGAATCGATGCCAATACTGTCGACTCCAGAAGTGCTTTGAA	750
CGAGATAAGAACTGTGTTATTAATAAACTGAGATAAACTGAGAACTGAGATAAACTGAGAACTGAACTGAGAACTGAAC	
CTCCCAATGTCCAAAGAAICIGICAGGAAIGH	825
170 CluSerTyrGluHetThrAlaGluLeuAspAspLeuThrGluLysIleArgLysAlaHisGluGluThrPherro CluSerTyrGluHetThrAlaGluLeuAspAspLeuThrGluLysIleArgLysAlaHisGluGluThrPherro	900
700 u. t. a.	975
TACTET GCCAGCTGGGIAAATACACCACACACACACACACACACACACACACACAC	
230 220 AsplysPheSerGluLeuAlaThrLysCysIleIleLysIleValGluPheAlaLysArgLeuProGlyPheThr GACAAATTCAGTGAACTGGCCACCAAGTGCATTATTAAGATCGTGGAGTTTCCTAAACGTCTGCCTGGTTTCACT 260	1050
GlyLeuThrileAlaAspGluIleThrLeuLeuLysAlaAlaCysLeuAspIleLeuIleLeuAfgliedystut GGCTTGACCATGGCAGACCAAATTACCCTGCTGAAGGCCGCCTGCCT	1125
270 Arg Tyr Thr Progluginas p Thr Het Thr Pheser Asp Gly Leu Thr Leu Asnarg Thr Gluhet His Asnala Arg Tyr Thr Progluginas p Thr Het His Asnala Arg Tyr Thr Het His Asnala Arg	1200
AGGTATACCCCAGAACAAGACAACAATAACAATAACAATAACAAAAAAAA	
GGATTTGGTCCTCTGACTGACCTTCTCTTCACTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCAC	1275
320 State of the Club of the Country	1350
ACAGGCCTTCTCAGTGCCATCTGCTTARTGTTTTTTTTTT	.,,,,
350 LeuGluGluProLeuLeuGluAlaLeuLysIleTyrIleArgLysArgArgProSerLysProHisHetPhePro CTACAAGAACCATTGCTGGAAGCACTAAAAATTTATATCAGAAAAAAGAGCGACCCAGCAAGCCTCACATGTTTCCA CTACAAGAACCATTGCTGGAAGCACTAAAAAATTTATATCAGAAAAAAGAACGACCAGCAAGCCTCACATGTTTCCA 380 390	1425
370 LysileLeuHetLysileThrAspLeuArgSerIleSerAlaLysGlyAlaGluArgVallleThrLeuLysHetLysileLeuHetLysileThrAspLeuArgSerIleSerAlaLysGTGCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGCATCAGTGCTAAAGGTGCCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGCATCAGTGCTAAAAGGTGCCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGCATCAGTGCTAAAAGGTGCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGCATCAGTGCTAAAAGGTGCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGGTGCTAAAAGGTGCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGGATCAGTGCTAAAAGGTGCAGAGGCGTGTAATTACCTTGAAAATGAAGATCTTAATGAAAATCÁCACATCTCCGTAGGATCAGTGCTAAAAGGTGCAGAGGCGTGTAATTACCTTGAAAAATGAAGATCTTAATGAAAATGAAAATGAAGATCTTAATGAAAATGAAAATGAAGATCTTAATGAAAATGAAGATCTTAAAAGATCTTAATGAAAAATGAAGATCTTAATGAAAATGAAGATCTTAAAAGGATCTTAATGAAAAATGAAGATCTTAATGAAAAATGAAGATCTTAATGAAAAATGAAGATGATGAAAAGGTGCAGAGAGGCGTGTAAATTACCTTGAAAAATGAAAAAATGAAAATGAAAAATGAAAAATGAAAAAA	1500
quu que com a com	1575
GAAATTCCTGGATCAATGCCACCTCTCATTCAACATTCATCATCATCATCATCATCAT	.,,,
420 SerSerSerGlyAsuTbralaGluHisSerProSerIleSerProSerSerValGluAsuSerGlyValBerGlu AGTTCAAGTGGGAACACAGCAGCACAGTCCTAGCATCTCACCCAGCTCAGTGGAAAACAGTGGGGTCAGTCA	1650
SerProLeuVelGluSTOP	1725
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CTACTGTACACGTCTACCTAGGILCAAAAAGAAAGAAAAGAAAAAAGAAAAAAAAAAAA	2250 2325
GAAACAGGACTATTGACACGACTATTGACACACTATACAAAGTATACAAA	2325
GAAGCTTGTCTTTGCTCTTTCTGATGCTCTCAAACTGCATUTTTATTCAGTTAATCAAATGTCATTTGTTCAAT TTCCCTCCACTAGCAGAAGAGAATTCTGTATCAGTGTAACTGCCAGTTCAGTAACTACACAGTTAGTT	2475
TGTTAATGTCACTTTAAATIAAAAGGGGGGGGGGGGGGGG	2330
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ATTAGGGAAATTTCATGGGATAATTAGGAGGAAGAAGAAGAGAAGAAGAAGAAG	2700
CATGCCTGATATTGGGATTTTTTCCAGCCCTTCTTGATCCAGAGCAGAGCTGAAAGCTGTGGTAGAGTGGTTAACAG GCATAGAATCTGCCTCCTTTGACCTTGTTCAATCAGTAGGAAGCTGTATTTTTTTT	2850
GCATAGAATCTGGCTCCTTTGACCTTGTTGAATCAGTATGAACTAGTTTTTTTT	2925
ATACAACTGTCAGTTTCTTAGTTCTCATTTAAGGACTAGTGGAATAGTTTAAGAATGCTTTCTATGTTCATATACTGTTTA ATCTACTTTCACTGGGCTCTGGTTTGTACATTGAGATTGTTTGT	2992



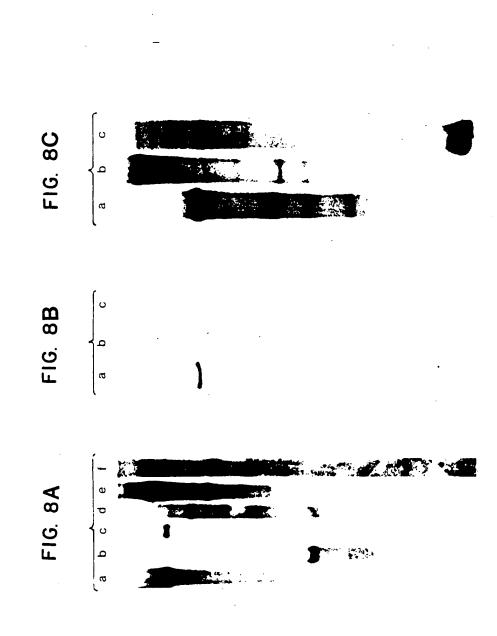


91 GFVGQDKSISCYHYGYSACEGCRIGFFRRSI GKNNI FYTCH RDKNICYTRNRCGYGRIGKGFEVGMSKESVRNDRNKIKKETSKQECTESY hap 102 GVVGGDKATIGYHYRCITCEGCKIGFFRRTI GKNLH PSYSCKYEGKCVI DKYJRNQCQEGRFFKKCI YVGMATDLYLDDSKRLAKRKLI EENREKRRREELQKSI hC-erDA 185 GAVCNDYASGYHYGYWSICEGCKAFFKRSI QG-HND-YYMCP ATRYCHI DKNRRKSCQACRLRK CYEVGMMKGGIRKIDRRGCRHLKHKRQRDGEGRGEVGSAG hER 185 GLIJQADHASGYHYGYLTGGSCKWFFKRAMEGQHNYYLGAGRNDGI YDKURRKNNGPACRLRK CQAGMYLGGRKFKKFNKYRV WRALDAVALPQPVGI PN FPR 186 GLIJQADHASGGHYGYLTGGSCKWFFKRAMEGQHNYYLGAGRNDGI YDKIRRKNNGPACRYRK CQAGMYLGGRKFKKFNKYRV WRALDAVALPQPVGI PN FPR 187 GLIYGSDHASGGHYGYLTGGSCKWFFKRAMEGQHNYYLGAGRNDGI ID KIIRRKN GPACRYRK GLQAGMYLGARKTKKKIKJCI QQATTGVSQETSENPGNK HGR	172EMTAELDDLTEKIRKAHQETFP SÜCQLGKYTTNS SABHRVRLDLGL-WDKFS EÜATKCIIKIMEFAKRLPGFTGLTIADQITLÜKAAC hap 204 GHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKPKFÜP EDICQAPIVNAPEGCKVDLEA-FSHFTKIITPAITRVÜNDFAKKLPMFCELPCEDQIJLÜKGCC hC-erdA 285 DMRAANLWRSPLMIKRSKKNSLALSLTADQMVSAULDAEPPILMSEYÖPTRPFSEASHMGLÜTNÜADRELVHHINWAKRÜPGFVDLTLHDQVHLÜECAM hER 666 ESQRITFSPSQEIQLIPPLI	10TLILRICTRYTPEQDTMIFSDGLILLMRTQMHNAGFGPLTDLVFTFANQLLPLEMDDTETGLUSAIGLICGDRQDLEEPTKVDKLQEPLL hap 305 MEIMSLRAAVRYDPESETLILLNGEMAVIRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALUQAVLLMSBDRPGLACVERIEKYQDSEL hC=CDA 384 LEILMIGLWMRSMEHPVKLLFAFNLULDBNQGKCVEGMVE-IJDMLLAISSRFRMMNLQGEEFVCLNSIILUMSGVYFFLSSTLKSLUEKDHIHRVLD hER 753 MSIMWYGLGWRSYKHVSGQMLYFAPDLILNE-QRMKESSFYSLCLTMWQIPQEFVKLQVSQEEFLGMKVULLUNIIPLEGLRSQSQFEEMRSSYI FPR 601 MFLMA.ALGWRSYRQSSANLLGEAFDLIINE-QRMTLPCMYDQCKHMLYVSSELHRLQVSYEEYLGMKYTULLUSBVFKDGLKSQEELFDEIRHIYI hGR	350 EALKIYİRKÜRPSKPHMFPKILMKITDÜRSISAKGAERVITLKMEIPGSM-PPLIQEMMENSEGHEPLTPSSSGNTAEHSPSISPSSVENSGVSQSPLVQ** ho-enda 396 LAFEHYINYÜRKHHVTHFWPKLLMKVTDURMIGACHASRFLHMKVECPTELLPPLFLEVFED*** 481 KITDTUİHLMAKAGLTLQÖQHQRÜAĞULILSHIRHMSNKGMEHLYSMKCKNVVPLYDLLUĞMLDAHRLHAPTSRGGASVEETDQSHLATAGSTSSHSLQKY hER 477 RELIKAİGLÜRÇKÇVVSSSÖQRFYQLITKUÜDNLHDLVKQLHLYCLNTFIQSRALSVEFPEMMSEVIAAQLPKILAĞMVKPLLFHKK*** 7PR 7PR 7PR 7PR 7PR
102 102 185 185 568 421	5 6 2 2 5	2 2 2 2 2	<u> </u>

F1G. 6

YITGEAEGFPATV***

583



λ13

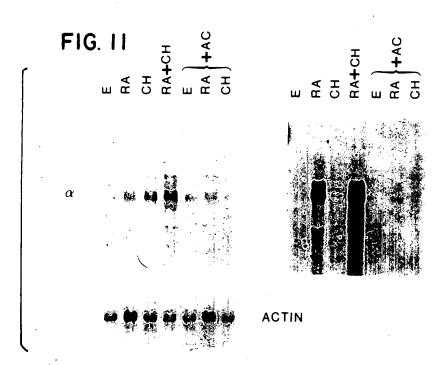
FIG. 15

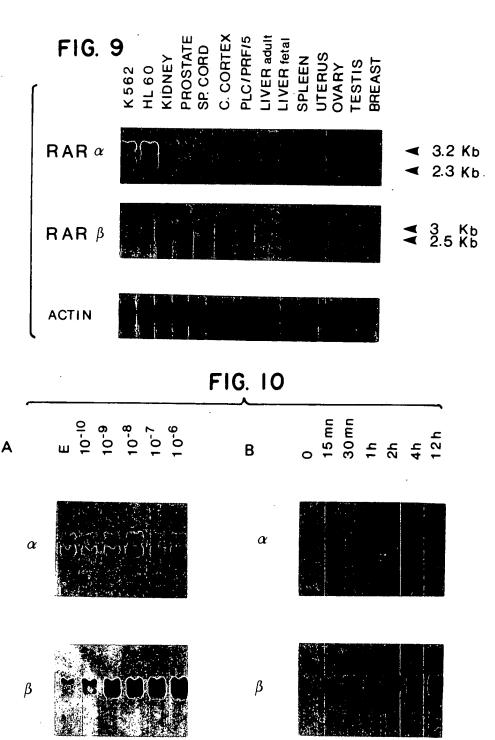
5' END

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FIG. 16







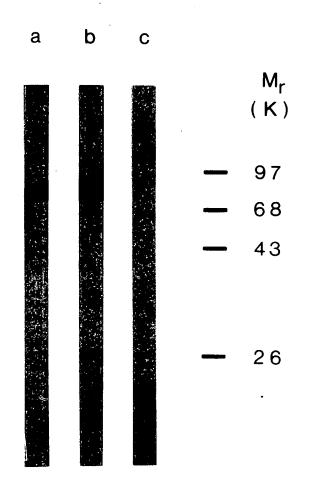


FIG. 12

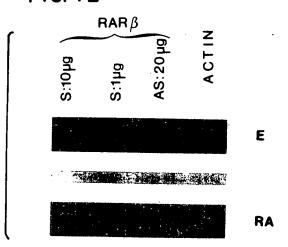


FIG. 13

